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jam valid OMB control number. Application / Conf. No. 10/082,490 3728 **TRANSMITTAL** Filing Date February 22, 2002 **FORM** First Named Inventor Warren E. Cory (to be used for all correspondence after initial filing) **Examiner Name** Freshteh N. Aghdam Art Unit Mail Stop: AF 2611 Patent No. Express Mail Receipt No. Attorney Docket Number X-1054 US Total Number of Pages in This Submission **ENCLOSURES** (check all that apply)

Fee Transmittal Form	Assignment Papers (with Recordation Cover Sheet)	After Allowance Communication to
Amendment / Reply Preliminary Amendment X After Final Affidavit(s)/declaration(s) Extension of Time Request Change Status to LARGE ENTITY Express Abandonment Request Information Disclosure Statement Substitute PTO-1449(s) IDS by Applicant (PTO/SB/08A) Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application	(with Recordation Cover Sheet)  Declaration / Oath  Drawing(s)  Licensing-related Papers  Petition -  To Convert a Provisional Application  Power of Attorney, Revocation Change of Correspondence Address  Terminal Disclaimer  Request for Refund  Remarks	Appeal Communication to Board of Appeals and Interferences  Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  Status Letter  X Return Receipt Postcard  Other Enclosure(s) (please identify below):
Response to Missing Parts under 37 CFR 1.52 or 1.53		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Customer Number Attn:  Signature  Attn:  At	24309 (Oustomer Number)	Reg. Number 51,959
Date  December 21, 2006  Charge any additional fees required/credit any overpayment to our Deposit Account Number: 24-0040		
CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this date:		
Typed or Printed Name Julie Matthews		
Signature ///L	Matthew Date	December 21, 2006

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O P E 43 1054 US 10/082,490

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Warren E. Cory

Assignee: Xilinx, Inc.

Title: Channel Bonding Control Logic Architecture

Serial No.: 10/082,490 Filing Date: 02/22/2002

Examiner: Freshteh N. Aghdam Art Unit: 2611

Docket No.: X-1054 US Conf. No.: 3728

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## AMENDMENT IN RESPONSE TO THE SECOND FINAL OFFICE ACTION AFTER NOTICE OF PANEL DECISION

## Dear Examiner:

In response to the Final Office Action mailed from the Patent Office on November 1, 2006, Applicant submits the following amendments and remarks.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 6 of this paper.